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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAPlus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPlus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA  
  
NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:25:27 ON 14 FEB 2006

=> file biosis

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.42

TOTAL

SESSION

0.42

FILE 'BIOSIS' ENTERED AT 15:26:19 ON 14 FEB 2006  
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FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 8 February 2006 (20060208/ED)

=> file biosis  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
3.48	3.90

FILE 'BIOSIS' ENTERED AT 15:28:29 ON 14 FEB 2006  
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FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 8 February 2006 (20060208/ED)

=> s ((fiber or fibre) and (carob or "ceratonia siliqua" or levan or fructosan) and  
((rice or corn or oat)(s)(bran) or barley or Psyllium or guar or tragacanth or  
pectin or inulin or oligosaccharides or linseed or soy or dextrin or arabinoxylan  
or arabinogalctan)  
UNMATCHED LEFT PARENTHESIS '((FIBER'  
The number of right parentheses in a query must be equal to the  
number of left parentheses.

=> s (fiber or fibre) and (carob or "ceratonia siliqua" or levan or fructosan) and  
((rice or corn or oat)(s)(bran) or barley or Psyllium or guar or tragacanth or  
pectin or inulin or oligosaccharides or linseed or soy or dextrin or arabinoxylan  
or arabinogalctan)

105325 FIBER  
98538 FIBERS  
175789 FIBER  
    (FIBER OR FIBERS)  
19741 FIBRE  
20401 FIBRES  
34553 FIBRE  
    (FIBRE OR FIBRES)  
431 CAROB  
19 CAROBS  
438 CAROB  
    (CAROB OR CAROBS)  
384 "CERATONIA"  
747 "SILIQUEA"  
9 "SILIQUEAS"  
206 "SILIQUEAE"  
851 "SILIQUEA"  
    ("SILIQUEA" OR "SILIQUEAS" OR "SILIQUEAE")  
358 "CERATONIA SILIQUEA"  
    ("CERATONIA" (W) "SILIQUEA")  
784 LEVAN  
67 LEVANS  
808 LEVAN  
    (LEVAN OR LEVANS)  
129 FRUCTOSAN  
76 FRUCTOSANS  
190 FRUCTOSAN  
    (FRUCTOSAN OR FRUCTOSANS)

62692 RICE  
     552 RICES  
 62776 RICE  
         (RICE OR RICES)  
 62325 CORN  
     274 CORNS  
 62458 CORN  
         (CORN OR CORNS)  
 13950 OAT  
     8789 OATS  
 20384 OAT  
         (OAT OR OATS)  
     7402 BRAN  
     264 BRANS  
     7464 BRAN  
         (BRAN OR BRANS)  
     3414 (RICE OR CORN OR OAT) (S) (BRAN)  
 47022 BARLEY  
     632 BARLEYS  
 47113 BARLEY  
         (BARLEY OR BARLEYS)  
     649 PSYLLIUM  
     2199 GUAR  
     6 GUARS  
     2200 GUAR  
         (GUAR OR GUARS)  
     197 TRAGACANTH  
     1 TRAGACANTHS  
     198 TRAGACANTH  
         (TRAGACANTH OR TRAGACANTHS)  
     8273 PECTIN  
     1624 PECTINS  
     8935 PECTIN  
         (PECTIN OR PECTINS)  
     7104 INULIN  
     47 INULINS  
     7119 INULIN  
         (INULIN OR INULINS)  
 15707 OLIGOSACCHARIDES  
     2299 LINSEED  
     16 LINSEEDS  
     2303 LINSEED  
         (LINSEED OR LINSEEDS)  
 15791 SOY  
     4 SOYS  
 15793 SOY  
         (SOY OR SOYS)  
     1755 DEXTRIN  
     562 DEXTRINS  
     2174 DEXTRIN  
         (DEXTRIN OR DEXTRINS)  
     619 ARABINOXYLAN  
     401 ARABINOXYLANS  
     828 ARABINOXYLAN  
         (ARABINOXYLAN OR ARABINOXYLANS)  
     0 ARABINOALCTAN  
 L1      16 (FIBER OR FIBRE) AND (CAROB OR "CERATONIA SILIQUA" OR LEVAN OR  
             FRUCTOSAN) AND ((RICE OR CORN OR OAT) (S) (BRAN) OR BARLEY OR  
             PSYLLIUM OR GUAR OR TRAGACANTH OR PECTIN OR INULIN OR OLIGOSACCHA  
             RIDES OR LINSEED OR SOY OR DEXTRIN OR ARABINOXYLAN OR ARABINOALC  
             TAN)

=> l1 and @pd20020723

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> l1 and pd<20020723

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and pd<20020723

13153658 PD<20020723

(PD<20020723)

L2 12 L1 AND PD<20020723

=>

=> d 12 1-12 ti

L2 ANSWER 1 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Mineral absorption of diets containing natural carob  
fiber compared to cellulose, pectin and various  
combinations of these fibers.

L2 ANSWER 2 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Replacement of cereal grains by orange pulp and carob pulp in  
faba bean-based diets fed to lambs: Effects on growth performance and meat  
quality.

L2 ANSWER 3 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI In vitro fermentation of selected fibrous substrates by dog and cat fecal  
inoculum: Influence of diet composition of substrate organic matter  
disappearance and short-chain fatty acid production.

L2 ANSWER 4 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Dietary fiber for dogs: IV. In vitro fermentation of selected  
fiber sources by dog fecal inoculum and in vivo digestion and  
metabolism of fiber-supplemented diets.

L2 ANSWER 5 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Applications of Peruvian mesquite (Prosopis pallida) and Mediterranean  
mesquite (Ceratonia siliqua) in the food industry.

L2 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI THE NUTRITIVE VALUE OF TEN INBRED LINES OF FABA BEANS VICIA-FABA L. IN  
RELATION TO THEIR CONTENT OF ANTINUTRITIONAL CONSTITUENTS AND PROTEIN  
QUALITY.

L2 ANSWER 7 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI DETERMINATION OF CHEMICAL COMPOSITION OF CAROB PODS  
CERATONIA-SILQUA SUGARS TANNINS PECTINS AND  
AMINO ACIDS.

L2 ANSWER 8 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI GUAR-CAROB BEAN ASSOCIATION IN THE CONTROL OF  
POST-PRANDIAL HYPERGLYCEMIA.

L2 ANSWER 9 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI THE VARIATION IN CHEMICAL COMPOSITION OF SWEDISH BARLEYS.

L2 ANSWER 10 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN  
TI THE EFFECT OF DIETARY FIBER ON THE PANCREATIC EXCRETORY  
FUNCTION.

L2 ANSWER 11 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on

STN  
 TI THE EFFECT OF DIETARY FIBER ON THE POST PRANDIAL SERUM VITAMIN A  
 CONCENTRATION IN MAN.  
 L2 ANSWER 12 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
 STN  
 TI GROWTH INHIBITORY EFFECT OF SOME GUMS AND PECTIN FOR  
 TRIBOLIUM-CASTANEUM LARVAE CHICKENS AND JAPANESE QUAIL.

=> file caplus  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
3.48	7.38

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:31:08 ON 14 FEB 2006  
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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8  
 FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s 12

517812 FIBER  
 537486 FIBERS  
 708737 FIBER  
 (FIBER OR FIBERS)  
 5397 FIBRE  
 3235 FIBRES  
 8287 FIBRE  
 (FIBRE OR FIBRES)  
 1641 CAROB  
 48 CAROBS  
 1651 CAROB  
 (CAROB OR CAROBS)  
 775 "CERATONIA"  
 853 "SILIQUEA"  
 6 "SILIQUEAS"  
 44 "SILIQUEAE"  
 2 "SILIQUEAES"  
 883 "SILIQUEA"  
 ("SILIQUEA" OR "SILIQUEAS" OR "SILIQUEAE" OR "SILIQUEAES")  
 762 "CERATONIA SILIQUEA"  
 ("CERATONIA" (W) "SILIQUEA")  
 1291 LEVAN  
 220 LEVANS  
 1353 LEVAN  
 (LEVAN OR LEVANS)

351 FRUCTOSAN  
 381 FRUCTOSANS  
 552 FRUCTOSAN  
     (FRUCTOSAN OR FRUCTOSANS)  
 86333 RICE  
     494 RICES  
 86351 RICE  
     (RICE OR RICES)  
 116533 CORN  
     389 CORNS  
 116676 CORN  
     (CORN OR CORNS)  
 17988 OAT  
 13405 OATS  
 25708 OAT  
     (OAT OR OATS)  
 17033 BRAN  
     856 BRANS  
 17543 BRAN  
     (BRAN OR BRANS)  
     9375 (RICE OR CORN OR OAT) (S) (BRAN)  
 48779 BARLEY  
     917 BARLEYS  
 48835 BARLEY  
     (BARLEY OR BARLEYS)  
     801 PSYLLIUM  
     9421 GUAR  
         33 GUARS  
     9424 GUAR  
         (GUAR OR GUARS)  
     3955 TRAGACANTH  
         7 TRAGACANTHS  
     3956 TRAGACANTH  
         (TRAGACANTH OR TRAGACANTHS)  
 22455 PECTIN  
     6622 PECTINS  
 24337 PECTIN  
     (PECTIN OR PECTINS)  
     9543 INULIN  
         94 INULINS  
     9558 INULIN  
         (INULIN OR INULINS)  
 42772 OLIGOSACCHARIDES  
 22909 LINSEED  
     40 LINSEEDS  
 22922 LINSEED  
     (LINSEED OR LINSEEDS)  
 20095 SOY  
     3 SOYS  
 20095 SOY  
     (SOY OR SOYS)  
 15767 DEXTRIN  
     3335 DEXTRINS  
 17399 DEXTRIN  
     (DEXTRIN OR DEXTRINS)  
     1135 ARABINOXYLAN  
     468 ARABINOXYLANS  
     1262 ARABINOXYLAN  
         (ARABINOXYLAN OR ARABINOXYLANS)  
         1 ARABINOALCTAN  
 22624101 PD<20020723  
     (PD<20020723)

L3           103 L1 AND PD<20020723

=> s l3 and cholesterol

160631 CHOLESTEROL  
780 CHOLESTEROLS  
160792 CHOLESTEROL  
(CHOLESTEROL OR CHOLESTEROLS)

L4 4 L3 AND CHOLESTEROL

=> d l4 1-4 ti

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Comparative study of natural carob fiber and  
psyllium husk in rats. Influence on some aspects of nutritional  
utilisation and lipidemia

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Nutrient fortified food bar

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Nutrient fortified food bar

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Effects of guar and carob gums on glucose, insulin and  
cholesterol plasma levels in the rat

=> d l4 1-4 ibib

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1999:140636 CAPLUS  
DOCUMENT NUMBER: 130:311096  
TITLE: Comparative study of natural carob  
fiber and psyllium husk in rats.  
Influence on some aspects of nutritional utilisation  
and lipidemia  
AUTHOR(S): Perez-Olleros, Lourdes; Garcia-Cuevas, Manuela;  
Ruiz-Roso, Baltasar; Requejo, Ana  
CORPORATE SOURCE: Departamento de Nutricion, Facultad de Farmacia,  
Universidad complutense, Ciudad Universitaria, Madrid,  
28040, Spain  
SOURCE: Journal of the Science of Food and Agriculture ( 1999), 79(2), 173-178  
CODEN: JSFAAE; ISSN: 0022-5142  
PUBLISHER: John Wiley & Sons Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1998:603215 CAPLUS  
DOCUMENT NUMBER: 129:202292  
TITLE: Nutrient fortified food bar  
INVENTOR(S): Leach, Robin  
PATENT ASSIGNEE(S): USA  
SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9837768	A1	19980903	WO 1996-US20918	19970227 <--
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS,				

LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,  
 SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM  
 RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,  
 GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,  
 ML, MR, NE, SN, TD, TG

AU 9735664 A1 19980918 AU 1997-35664 19970227 <--  
 PRIORITY APPLN. INFO.: WO 1996-US20918 A 19970227  
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:208175 CAPLUS  
 DOCUMENT NUMBER: 126:211366  
 TITLE: Nutrient fortified food bar  
 INVENTOR(S): Leach, Robin L.  
 PATENT ASSIGNEE(S): Leach, Robin L., USA  
 SOURCE: U.S., 9 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5612074	A	19970318	US 1995-548804	19951221 <--
PRIORITY APPLN. INFO.:			US 1995-548804	19951221

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1989:406360 CAPLUS  
 DOCUMENT NUMBER: 111:6360  
 TITLE: Effects of guar and carob gums on  
 glucose, insulin and cholesterol plasma  
 levels in the rat  
 AUTHOR(S): Forestieri, A. M.; Galati, E. M.; Trovato, A.; Tumino,  
 G.  
 CORPORATE SOURCE: Pharm.-Biol.. Dep., Univ. Messina, Messina, 98100,  
 Italy  
 SOURCE: Phytotherapy Research (1989), 3(1), 1-4  
 CODEN: PHYREH; ISSN: 0951-418X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

=> log y	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	55.09	62.47

STN INTERNATIONAL LOGOFF AT 15:31:50 ON 14 FEB 2006